

1 51. (Previously presented) The method according to claim 47, further including assigning a
2 particular one of the at least one storage properties to a particular type of storage resource.

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4 52. (Previously presented) The method according to claim 47, wherein the plurality of storage
5 resources includes logical volumes.

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7 53. (Previously presented) The method according to claim 47, further including receiving a user
8 instruction to identify a storage resource as hand-off storage.

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10 54. (Previously presented) The method according to claim 47, wherein the user query is
11 generated by a storage administrator.

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13 55. (Previously presented) The method according to claim 47, wherein the logical expression is
14 generated by a database administrator.

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16 56. (Previously presented) An article, comprising:
17 a storage medium having stored thereon instructions that when executed by a machine
18 result in the following:
19 providing information for a plurality of storage resources in response to a user query;
20 assigning at least one storage property to selected ones of the plurality of storage resources
21 in response to user instructions to define the data storage pool;
22 receiving a logical expression to identify respective ones of the storage resources that are
23 available for a requested store operation based upon the storage properties assigned to the selected
24 ones of the storage resources; and
25 allocating selected ones of the identified storage resources for the requested store
26 operation.

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28 57. (Previously presented) The article according to claim 56, wherein the logical expression
29 includes at least one logical operator and at least two storage properties.

1 58. (Previously presented) The article according to claim 57, wherein the logical expression
2 includes an amount of storage needed for the requested store operation.

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4 59. (Previously presented) The article according to claim 57, further instructions to include
5 assigning a particular one of the at least one storage properties to a particular type of storage
6 resource.

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8 60. (Previously presented) A system, comprising:

9 a processor; and
10 a memory coupled to the processor, the memory including instructions that when executed
11 result in the following:
12 providing information for a plurality of storage resources in response to a user query;
13 assigning at least one storage property to selected ones of the plurality of storage resources
14 in response to user instructions to define the data storage pool;
15 receiving a logical expression to identify respective ones of the storage resources that are
16 available for a requested store operation based upon the storage properties assigned to the selected
17 ones of the storage resources; and
18 allocating selected ones of the identified storage resources for the requested store
19 operation.

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21 61. (Previously presented) The system according to claim 60, wherein the logical expression
22 includes at least one logical operator and at least two storage properties.

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24 62. (Previously presented) The system according to claim 60, wherein the logical expression
25 includes an amount of storage needed for the requested store operation.
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- 2 63. (Previously Amended) The system according to claim 60, further including instructions to
- 3 assign a particular one of the at least one storage properties to a particular type of storage
- 4 resource.
- 5
- 6 64. (New) The method according to claim 47, further including determining which ones of the
- 7 identified storage resources have preferred characteristics.
- 8
- 9 65. (New) The method according to claim 64, wherein the preferred characteristics include
- 10 storage resources having multiple disk spindles.
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